Construction Materials Table 2
Faulk County, South Dakota

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Bb:							
Bowbells	80	Fair		Poor		Good	
		Water erosion	0.99	Low strength	0.00		
				Shrink-swell	0.89		
BoA:							
Bowdle	90	Poor		Good		Poor	
		Too sandy	0.00			Too sandy	0.00
		Low content of organic matter	0.12			Rock fragments	0.00
						Hard to reclaim	0.82
BrA:							
Bryant	65	Fair		Poor		Good	
		Low content of organic matter	0.50	Low strength	0.00		
				Shrink-swell	0.87		
Grassna	20	Good		Poor		Good	
				Low strength	0.00		
BrB:							
Bryant	60	Fair		Poor		Good	
		Low content of organic matter	0.50	Low strength	0.00		
				Shrink-swell	0.87		
Grassna	25	Good		Poor		Good	
				Low strength	0.00		
Ha:							
Harriet	85	Poor		Poor		Poor	
		Sodium content	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Carbonate content	0.46	Low strength	0.00	Sodium content	0.00
		Salinity	0.88	Shrink-swell	0.86	Salinity	0.00
		Low content of organic matter	0.88			Carbonate content	0.46
		Water erosion	0.99				

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
He:							
Heil	90	Poor		Poor		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Too Clayey	0.00
		Low content of organic matter	0.50	Low strength	0.00	Depth to saturated zone	0.00
		Salinity	0.88	Shrink–swell	0.00	Salinity	0.00
		Water erosion	0.99				
La:							
La Prairie	80	Fair		Poor		Good	
		Carbonate content	0.92	Low strength	0.00		
				Shrink–swell	0.92		
Lb:							
La Prairie	80	Fair		Poor		Good	
		Carbonate content	0.92	Low strength	0.00		
				Shrink–swell	0.92		
LeA:							
Lehr	90	Fair		Good		Poor	
		Droughty	0.22			Rock fragments	0.00
		Too sandy	0.30			Hard to reclaim	0.00
		Low content of organic matter	0.50			Too sandy	0.30
LeB:							
Lehr	90	Fair		Good		Poor	
		Droughty	0.22			Rock fragments	0.00
		Too sandy	0.30			Hard to reclaim	0.00
		Low content of organic matter	0.50			Too sandy	0.30
MaA:							
Ruso	90	Fair		Good		Poor	
		Droughty	0.08			Rock fragments	0.00
		Low content of organic matter	0.12			Hard to reclaim	0.18

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
MbA:							
Manning Variant-----	90	Fair		Good		Poor	
		Too sandy	0.02			Rock fragments	0.00
		Low content of organic matter	0.50			Too sandy	0.02
		Water erosion	0.99				
MdA:							
Max----------	65	Fair		Fair		Fair	
		Low content of organic matter	0.50	Low strength	0.22	Carbonate content	0.92
		Carbonate content	0.92	Shrink-swell	0.91		
		Water erosion	0.99				
Arnegard----------	20	Fair		Good		Good	
		Low content of organic matter	0.50				
MmB:							
Max----------	45	Fair		Fair		Fair	
		Low content of organic matter	0.50	Low strength	0.22	Carbonate content	0.92
		Carbonate content	0.92	Shrink-swell	0.91		
		Water erosion	0.99				
Arnegard----------	25	Fair		Good		Good	
		Low content of organic matter	0.50				
Zahl----------	15	Fair		Poor		Good	
		Low content of organic matter	0.12	Low strength	0.00		
		Water erosion	0.99	Shrink-swell	0.87		
MnB:							
Max----------	45	Fair		Fair		Fair	
		Low content of organic matter	0.50	Low strength	0.22	Carbonate content	0.92
		Carbonate content	0.92	Shrink-swell	0.91		
		Water erosion	0.99				

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Niobell	20	Fair		Good		Fair	
		Sodium content	0.22			Sodium content	0.22
		Low content of organic matter	0.50				
		Water erosion	0.99				
Noonan	15	Fair		Poor		Fair	
		Low content of organic matter	0.12	Low strength	0.00	Sodium content	0.60
		Sodium content	0.22	Shrink–swell	0.87	Salinity	0.88
		Carbonate content	0.92			Carbonate content	0.92
		Water erosion	0.99				
MoA:							
Mondamin	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.12	Shrink–swell	0.64		
		Water erosion	0.99				
MoB:							
Mondamin	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.12	Shrink–swell	0.64		
		Water erosion	0.99				
NaA:							
Niobell	40	Fair		Good		Fair	
		Sodium content	0.22			Sodium content	0.22
		Low content of organic matter	0.50				
		Water erosion	0.99				
Noonan	30	Fair		Poor		Fair	
		Low content of organic matter	0.12	Low strength	0.00	Sodium content	0.60
		Sodium content	0.22	Shrink–swell	0.87	Salinity	0.88
		Carbonate content	0.92			Carbonate content	0.92
		Water erosion	0.99				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
NbA:							
Niobell	30	Fair		Good		Fair	
		Sodium content	0.22			Sodium content	0.22
		Low content of organic matter	0.50				
		Water erosion	0.99				
Max	25	Fair		Fair		Fair	
		Low content of organic matter	0.50	Low strength	0.22	Carbonate content	0.92
		Carbonate content	0.92	Shrink-swell	0.91		
		Water erosion	0.99				
Noonan	25	Fair		Poor		Fair	
		Low content of organic matter	0.12	Low strength	0.00	Sodium content	0.60
		Sodium content	0.22	Shrink-swell	0.87	Salinity	0.88
		Carbonate content	0.92			Carbonate content	0.92
		Water erosion	0.99				
Nn:							
Nishon	90	Poor		Poor		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Too Clayey	0.00
		Low content of organic matter	0.12	Low strength	0.00	Depth to saturated zone	0.00
		Water erosion	0.90	Shrink-swell	0.00		
NoA:							
Noonan	50	Fair		Poor		Fair	
		Low content of organic matter	0.12	Low strength	0.00	Sodium content	0.60
		Sodium content	0.22	Shrink-swell	0.87	Salinity	0.88
		Carbonate content	0.92			Carbonate content	0.92
		Water erosion	0.99				
Miranda	30	Poor		Poor		Poor	
		Sodium content	0.00	Low strength	0.00	Sodium content	0.00
		Low content of organic matter	0.12	Shrink-swell	0.87	Salinity	0.00
		Salinity	0.88			Carbonate content	0.97
		Carbonate content	0.97				
		Water erosion	0.99				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Pa:							
Parnell	90	Poor		Poor		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Water erosion	0.99	Low strength	0.00	Too Clayey	0.00
				Shrink-swell	0.00		
Pp:							
Parnell	90	Poor		Poor		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Water erosion	0.99	Low strength	0.00	Too Clayey	0.00
				Shrink-swell	0.00		
Pt:							
Orthents, Gravelly	99	Fair		Not Rated		Poor	
		Low content of organic matter	0.12	Slope	0.00	Rock fragments	0.00
		Too sandy	0.14			Slope	0.00
		Droughty	0.29			Too sandy	0.14
						Hard to reclaim	0.18
RaA:							
Raber	55	Fair		Poor		Fair	
		Too clayey	0.32	Low strength	0.00	Too Clayey	0.21
		Low content of organic matter	0.50	Shrink-swell	0.12		
		Water erosion	0.99				
Cavo	30	Poor		Poor		Poor	
		Sodium content	0.00	Low strength	0.00	Salinity	0.00
		Low content of organic matter	0.12	Shrink-swell	0.78	Sodium content	0.22
		Too clayey	0.59			Too Clayey	0.35
		Salinity	0.88				
		Water erosion	0.99				
RaB:							
Raber	55	Fair		Poor		Fair	
		Too clayey	0.32	Low strength	0.00	Too Clayey	0.21
		Low content of organic matter	0.50	Shrink-swell	0.12		
		Water erosion	0.99				

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Cavo	30	Poor		Poor		Poor	
		Sodium content	0.00	Low strength	0.00	Salinity	0.00
		Low content of organic matter	0.12	Shrink-swell	0.78	Sodium content	0.22
		Too clayey	0.59			Too Clayey	0.35
		Salinity	0.88				
		Water erosion	0.99				
Rh:							
Ranslo	50	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.12	Depth to saturated zone	0.53	Sodium content	0.10
		Carbonate content	0.46	Shrink-swell	0.56	Carbonate content	0.46
		Water erosion	0.99			Depth to saturated zone	0.53
						Salinity	0.88
Harriet	35	Poor		Poor		Poor	
		Sodium content	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Carbonate content	0.46	Low strength	0.00	Sodium content	0.00
		Salinity	0.88	Shrink-swell	0.86	Salinity	0.00
		Low content of organic matter	0.88			Carbonate content	0.46
		Water erosion	0.99				
TaA:							
Tally	80	Fair		Good		Good	
		Low content of organic matter	0.12				
TaB:							
Tally	80	Fair		Good		Good	
		Low content of organic matter	0.12				
Tn:							
Tonka	55	Fair		Poor		Poor	
		Low content of organic matter	0.50	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Water erosion	0.90	Low strength	0.00		
				Shrink-swell	0.80		

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Nishon	40	Poor		Poor		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Too Clayey	0.00
		Low content of organic matter	0.12	Low strength	0.00	Depth to saturated zone	0.00
		Water erosion	0.90	Shrink-swell	0.00		
VaC:							
Vida	50	Fair		Fair		Good	
		Low content of organic matter	0.12	Low strength	0.78		
		Water erosion	0.99	Shrink-swell	0.87		
Williams	30	Fair		Poor		Fair	
		Low content of organic matter	0.50	Low strength	0.00	Rock fragments	0.88
		Stone content	0.81	Stone content	0.80	Hard to reclaim	0.95
				Shrink-swell	0.87		
VdC:							
Vida	35	Fair		Fair		Fair	
		Low content of organic matter	0.12	Low strength	0.78	Slope	0.37
		Water erosion	0.99	Shrink-swell	0.87		
Williams	25	Fair		Poor		Fair	
		Low content of organic matter	0.50	Low strength	0.00	Rock fragments	0.88
		Stone content	0.81	Stone content	0.80	Hard to reclaim	0.95
				Shrink-swell	0.87		
Bowbells	20	Fair		Poor		Good	
		Water erosion	0.99	Low strength	0.00		
				Shrink-swell	0.89		
w:							
Water (less Than 40 Acres)	100	Not rated		Not rated		Not rated	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
WaD:							
Wabek	90	Fair		Fair		Poor	
		Droughty	0.18	Slope	0.92	Rock fragments	0.00
		Low content of organic matter	0.50			Hard to reclaim	0.00
						Slope	0.00
WbC:							
Wabek	50	Fair		Good		Poor	
		Droughty	0.18			Rock fragments	0.00
		Low content of organic matter	0.50			Hard to reclaim	0.00
Bowdle	35	Poor		Good		Poor	
		Too sandy	0.00			Too sandy	0.00
		Low content of organic matter	0.12			Rock fragments	0.00
						Hard to reclaim	0.82
WnA:							
Williams	60	Fair		Poor		Fair	
		Low content of organic matter	0.50	Low strength	0.00	Rock fragments	0.88
		Stone content	0.81	Stone content	0.80	Hard to reclaim	0.95
				Shrink-swell	0.87		
Bowbells	25	Fair		Poor		Good	
		Water erosion	0.99	Low strength	0.00		
				Shrink-swell	0.89		
WnB:							
Williams	60	Fair		Poor		Fair	
		Low content of organic matter	0.50	Low strength	0.00	Rock fragments	0.88
		Stone content	0.81	Stone content	0.80	Hard to reclaim	0.95
				Shrink-swell	0.87		
Bowbells	20	Fair		Poor		Good	
		Water erosion	0.99	Low strength	0.00		
				Shrink-swell	0.89		

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
WoA:							
Williams	50	Fair		Poor		Fair	
		Low content of organic matter	0.50	Low strength	0.00	Rock fragments	0.88
		Stone content	0.81	Stone content	0.80	Hard to reclaim	0.95
				Shrink-swell	0.87		
Bowbells	20	Fair		Poor		Good	
		Water erosion	0.99	Low strength	0.00		
				Shrink-swell	0.89		
Nishon	15	Poor		Poor		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Too Clayey	0.00
		Low content of organic matter	0.12	Low strength	0.00	Depth to saturated zone	0.00
		Water erosion	0.90	Shrink-swell	0.00		
WoB:							
Williams	40	Fair		Poor		Fair	
		Low content of organic matter	0.50	Low strength	0.00	Rock fragments	0.88
		Stone content	0.81	Stone content	0.80	Hard to reclaim	0.95
				Shrink-swell	0.87		
Bowbells	20	Fair		Poor		Good	
		Water erosion	0.99	Low strength	0.00		
				Shrink-swell	0.89		
Nishon	20	Poor		Poor		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Too Clayey	0.00
		Low content of organic matter	0.12	Low strength	0.00	Depth to saturated zone	0.00
		Water erosion	0.90	Shrink-swell	0.00		
WpA:							
Williams	55	Fair		Poor		Fair	
		Low content of organic matter	0.50	Low strength	0.00	Rock fragments	0.88
		Stone content	0.81	Stone content	0.80	Hard to reclaim	0.95
				Shrink-swell	0.87		

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Bowbells	15	Fair		Poor		Good	
		Water erosion	0.99	Low strength	0.00		
				Shrink-swell	0.89		
Noonan	15	Fair		Poor		Fair	
		Low content of organic matter	0.12	Low strength	0.00	Sodium content	0.60
		Sodium content	0.22	Shrink-swell	0.87	Salinity	0.88
		Carbonate content	0.92			Carbonate content	0.92
		Water erosion	0.99				
WpB:							
Williams	50	Fair		Poor		Fair	
		Low content of organic matter	0.50	Low strength	0.00	Rock fragments	0.88
		Stone content	0.81	Stone content	0.80	Hard to reclaim	0.95
				Shrink-swell	0.87		
Bowbells	20	Fair		Poor		Good	
		Water erosion	0.99	Low strength	0.00		
				Shrink-swell	0.89		
Noonan	15	Fair		Poor		Fair	
		Low content of organic matter	0.12	Low strength	0.00	Sodium content	0.60
		Sodium content	0.22	Shrink-swell	0.87	Salinity	0.88
		Carbonate content	0.92			Carbonate content	0.92
		Water erosion	0.99				
WtC:							
Williams	35	Fair		Poor		Fair	
		Low content of organic matter	0.50	Low strength	0.00	Rock fragments	0.88
		Stone content	0.81	Stone content	0.80	Hard to reclaim	0.95
				Shrink-swell	0.87		
Bowbells	25	Fair		Poor		Good	
		Water erosion	0.99	Low strength	0.00		
				Shrink-swell	0.89		

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Parnell	20	Poor		Poor		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Water erosion	0.99	Low strength	0.00	Too Clayey	0.00
				Shrink-swell	0.00		
WvB:							
Williams	50	Fair		Poor		Fair	
		Low content of organic matter	0.50	Low strength	0.00	Rock fragments	0.88
		Stone content	0.81	Stone content	0.80	Hard to reclaim	0.95
				Shrink-swell	0.87		
Bowbells	20	Fair		Poor		Good	
		Water erosion	0.99	Low strength	0.00		
				Shrink-swell	0.89		
Vida	15	Fair		Fair		Good	
		Low content of organic matter	0.12	Low strength	0.78		
		Water erosion	0.99	Shrink-swell	0.87		
WwB:							
Williams	45	Fair		Poor		Fair	
		Low content of organic matter	0.50	Low strength	0.00	Rock fragments	0.88
		Stone content	0.81	Stone content	0.80	Hard to reclaim	0.95
				Shrink-swell	0.87		
Niobell	20	Fair		Good		Fair	
		Sodium content	0.22			Sodium content	0.22
		Low content of organic matter	0.50				
		Water erosion	0.99				
Noonan	15	Fair		Poor		Fair	
		Low content of organic matter	0.12	Low strength	0.00	Sodium content	0.60
		Sodium content	0.22	Shrink-swell	0.87	Salinity	0.88
		Carbonate content	0.92			Carbonate content	0.92
		Water erosion	0.99				

Construction Materials Table 2
Faulk County, South Dakota

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
WxC:							
Williams	40	Fair		Poor		Fair	
		Low content of organic matter	0.50	Low strength	0.00	Rock fragments	0.88
		Stone content	0.81	Stone content	0.80	Hard to reclaim	0.95
				Shrink-swell	0.87		
Bowbells	20	Fair		Poor		Good	
		Water erosion	0.99	Low strength	0.00		
				Shrink-swell	0.89		
Vida	20	Fair		Fair		Good	
		Low content of organic matter	0.12	Low strength	0.78		
		Water erosion	0.99	Shrink-swell	0.87		
WzD:							
Williams	40	Fair		Poor		Fair	
		Low content of organic matter	0.50	Low strength	0.00	Slope	0.37
		Stone content	0.81	Stone content	0.80	Rock fragments	0.88
				Shrink-swell	0.87	Hard to reclaim	0.95
Zahill	25	Fair		Fair		Fair	
		Low content of organic matter	0.88	Low strength	0.22	Slope	0.37
				Shrink-swell	0.87		
Bowbells	20	Fair		Poor		Good	
		Water erosion	0.99	Low strength	0.00		
				Shrink-swell	0.89		
ZaE:							
Zahill	80	Fair		Poor		Poor	
		Low content of organic matter	0.88	Slope	0.00	Slope	0.00
				Low strength	0.22		
				Shrink-swell	0.87		

Construction Materials Table 2
Faulk County, South Dakota

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
ZcE:							
Zahill	80	Fair		Fair		Poor	
		Low content of organic matter	0.88	Low strength	0.22	Slope	0.00
				Shrink-swell	0.87		
				Slope	0.98		
ZlD:							
Zahill	45	Fair		Fair		Poor	
		Low content of organic matter	0.88	Low strength	0.22	Slope	0.00
				Shrink-swell	0.87		
				Slope	0.92		
La Prairie	30	Fair		Poor		Good	
		Carbonate content	0.92	Low strength	0.00		
				Shrink-swell	0.92		
ZmC:							
Zahl	45	Fair		Poor		Good	
		Low content of organic matter	0.12	Low strength	0.00		
		Water erosion	0.99	Shrink-swell	0.87		
Max	40	Fair		Fair		Fair	
		Low content of organic matter	0.50	Low strength	0.22	Carbonate content	0.92
		Carbonate content	0.92	Shrink-swell	0.91		
		Water erosion	0.99				
ZmD:							
Zahl	45	Fair		Poor		Fair	
		Low content of organic matter	0.12	Low strength	0.00	Slope	0.37
		Water erosion	0.99	Shrink-swell	0.87		
Max	35	Fair		Fair		Fair	
		Low content of organic matter	0.50	Low strength	0.22	Slope	0.37
		Carbonate content	0.92	Shrink-swell	0.91	Carbonate content	0.92
		Water erosion	0.99				